

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041704.D
 Acq On : 07 Sep 2023 20:51
 Operator : MA/JU
 Sample : 04113-10DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 08 02:54:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	16796	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.643	164	6764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	12518	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	5619	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	6412	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7342	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	888	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	1037	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	2993	0.054	ng/ul#	92
7) 2-Methylnaphthalene	12.473	142	1923	0.061	ng/ul	97
8) 1-Methylnaphthalene	12.693	142	1496	0.048	ng/ul	99
10) Acenaphthylene	14.370	152	1328	0.032	ng/ul#	84
11) Acenaphthene	14.703	153	2166	0.067	ng/ul	99
12) Fluorene	15.688	166	3930	0.108	ng/ul	98
15) Phenanthrene	17.434	178	132882	2.514	ng/ul	98
16) Anthracene	17.523	178	25955	0.573	ng/ul	99
19) Fluoranthene	19.441	202	246849	3.722	ng/ul	99
20) Pyrene	19.808	202	203213m	3.085	ng/ul	
21) Benzo(a)anthracene	21.542	228	104794	2.287	ng/ul	99
22) Chrysene	21.597	228	103997	2.103	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	139542	2.432	ng/ul	91
25) Benzo(k)fluoranthene	23.287	252	51352m	0.914	ng/ul	
26) Benzo(a)pyrene	23.880	252	95889	2.057	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.505	276	67515	1.056	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.518	278	15527	0.346	ng/ul	98
29) Benzo(g,h,i)perylene	27.293	276	67205	1.186	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

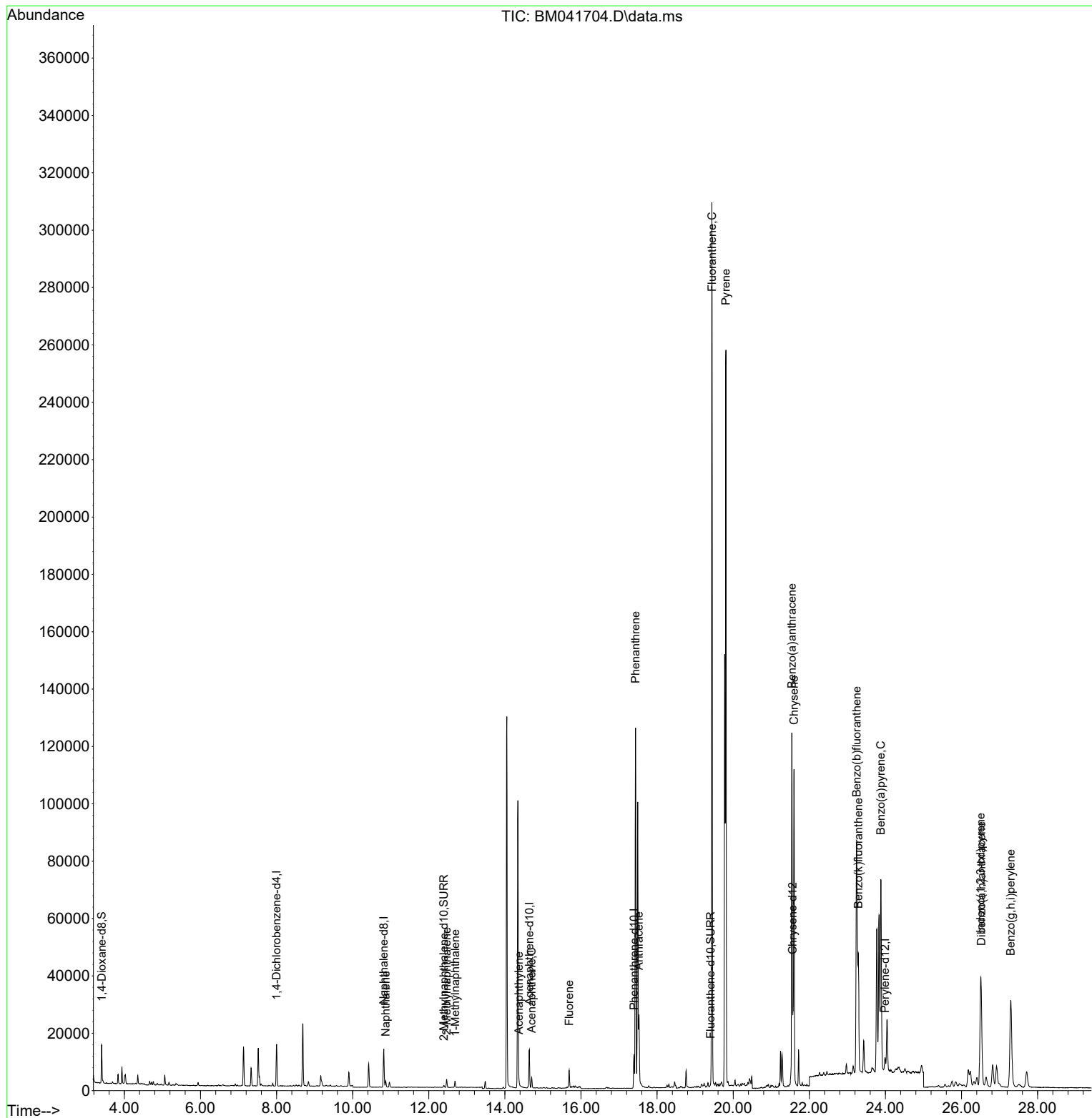
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041704.D
Acq On : 07 Sep 2023 20:51
Operator : MA/JU
Sample : 04113-10DL 5X
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ALS Vial : 44 Sample Multiplier: 1

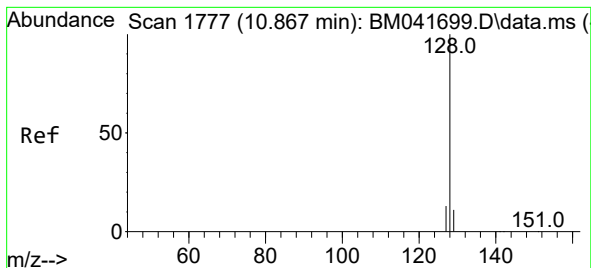
Instrument :
BNA_M
ClientSampleId :
EZYH9DL

Quant Time: Sep 08 02:54:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

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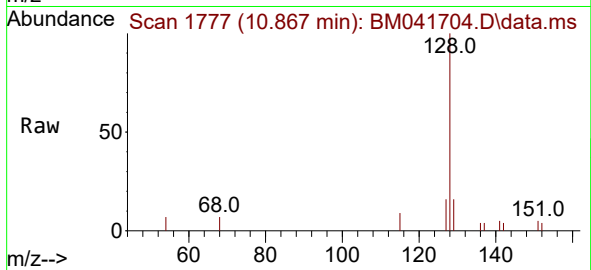
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

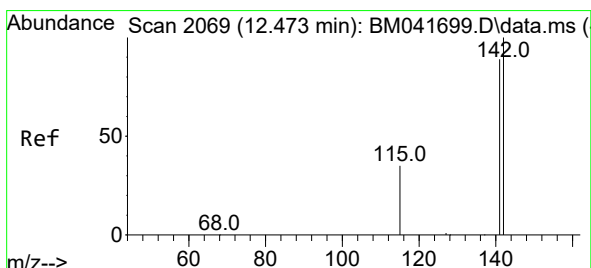
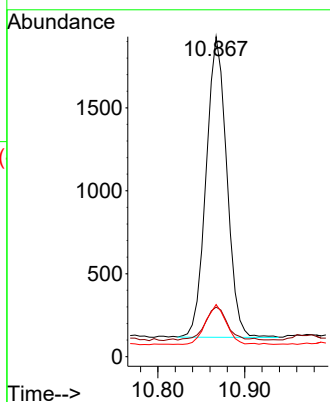
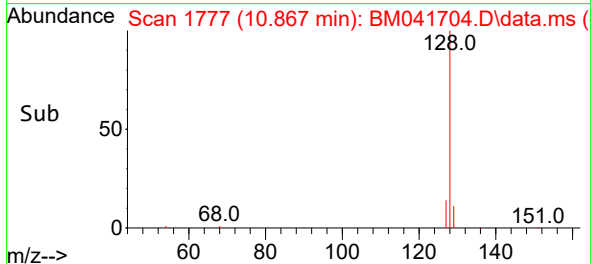
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



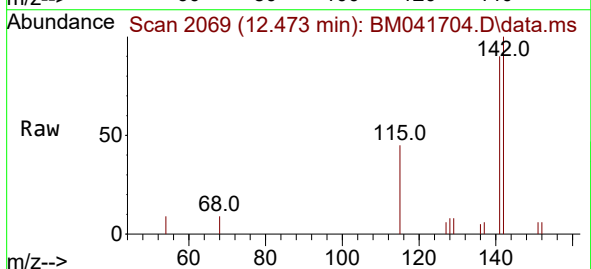
Tgt Ion:128 Resp: 299
Ion Ratio Lower Upper
128 100
129 15.5 9.4 14.0
127 16.3 11.0 16.6

Manual Integrations
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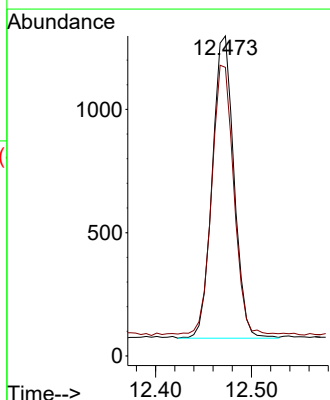
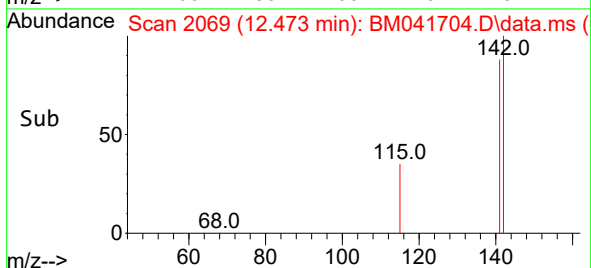
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

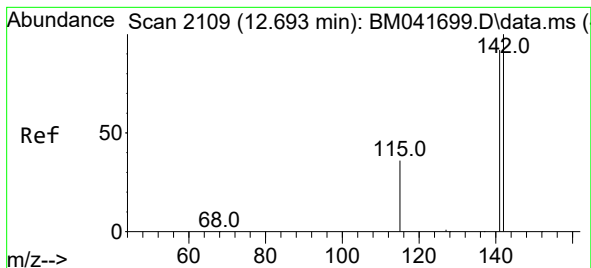


#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51



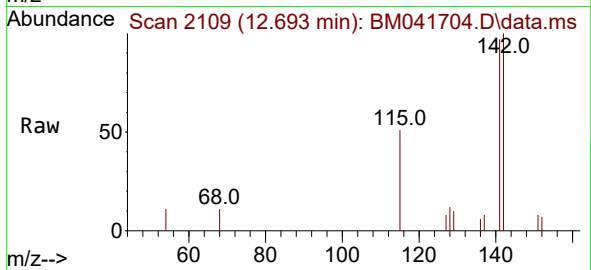
Tgt Ion:142 Resp: 1923
Ion Ratio Lower Upper
142 100
141 92.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

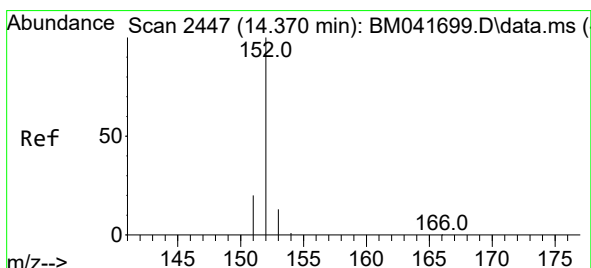
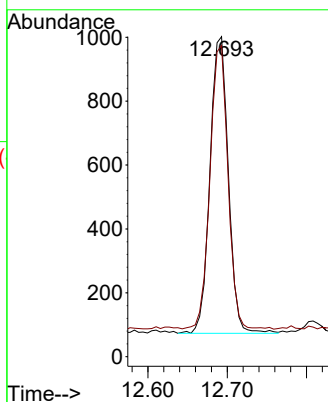
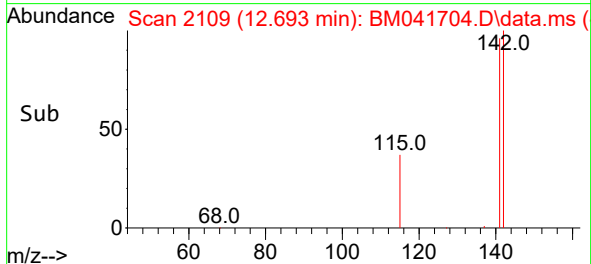
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:142 Resp: 1490
Ion Ratio Lower Upper
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141 93.6 74.4 111.6

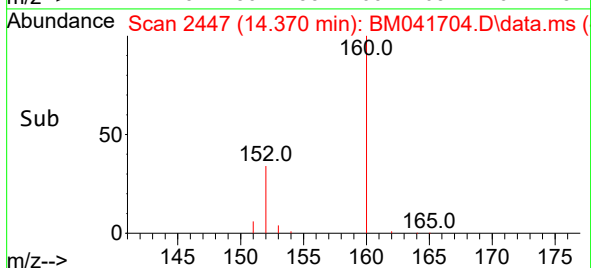
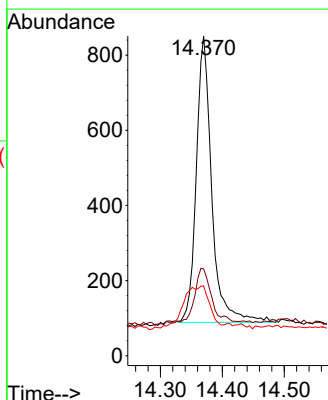
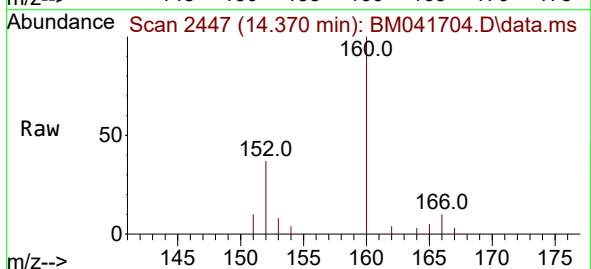
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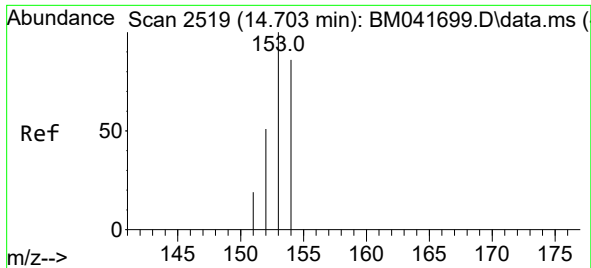
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

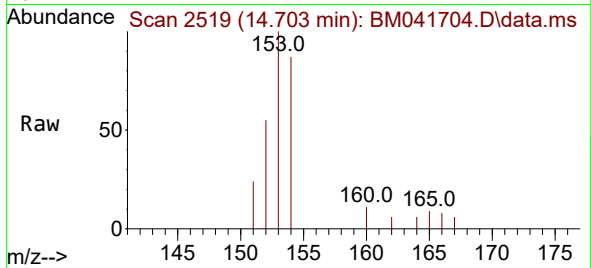
Tgt Ion:152 Resp: 1328
Ion Ratio Lower Upper
152 100
151 27.1 16.4 24.6#
153 21.9 11.1 16.7#





#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.703 min Scan# 2160
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

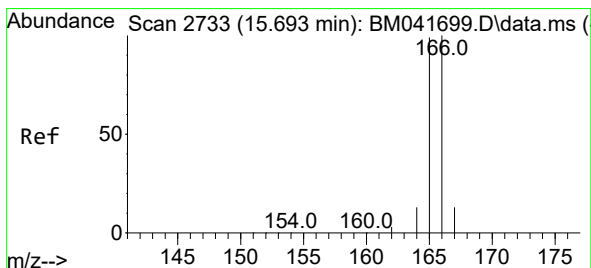
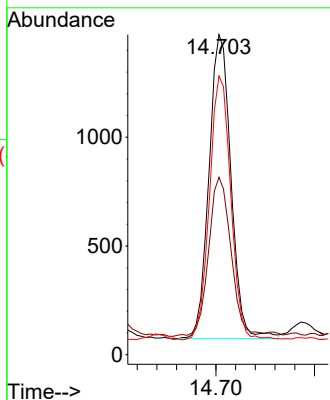
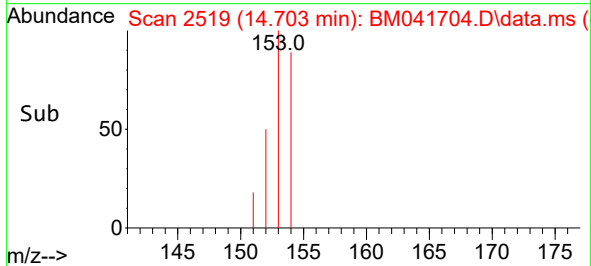
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:153 Resp: 2160
Ion Ratio Lower Upper
153 100
152 55.4 43.4 65.2
154 87.1 69.4 104.0

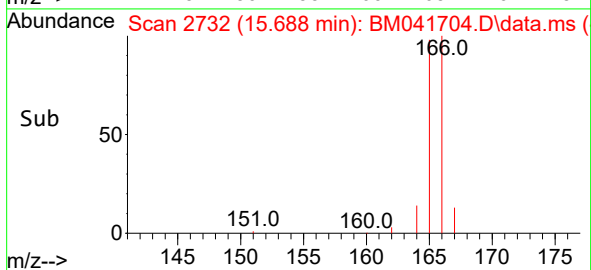
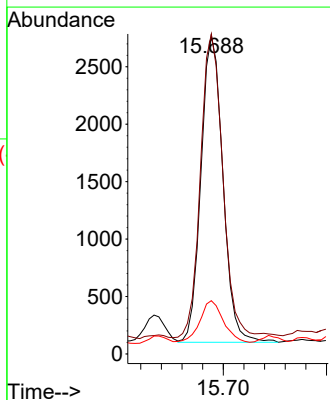
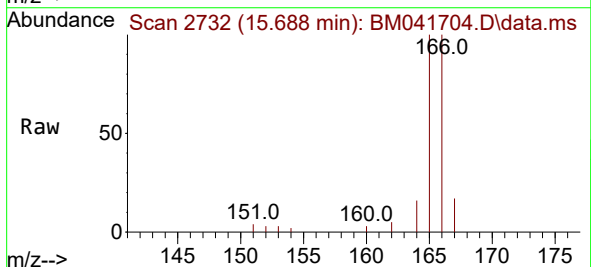
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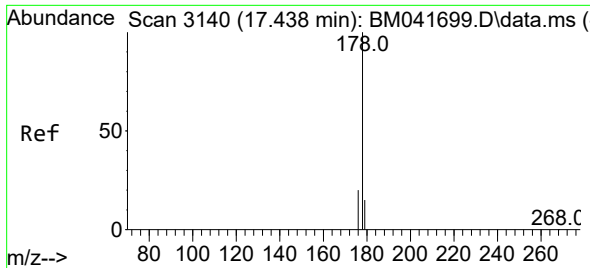
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

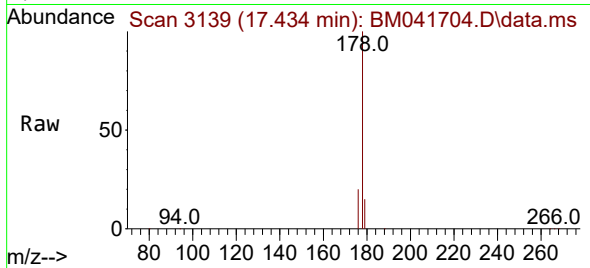
Tgt Ion:166 Resp: 3930
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 16.7 11.3 16.9





#15
Phenanthrene
Concen: 2.514 ng/ul
RT: 17.434 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

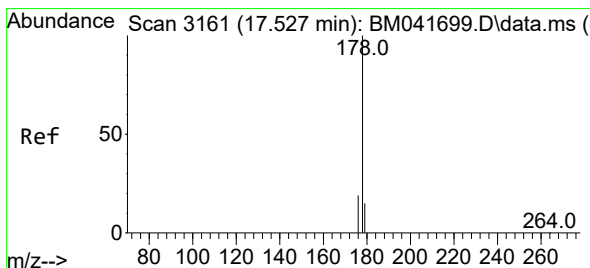
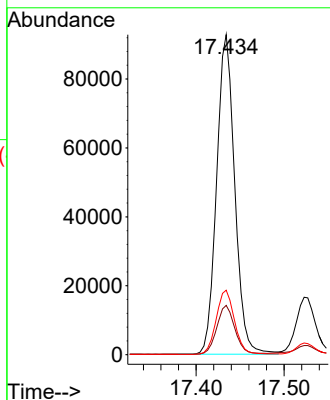
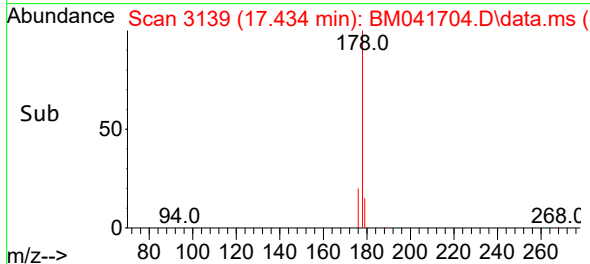
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:178 Resp: 13288
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 20.2 16.9 25.3

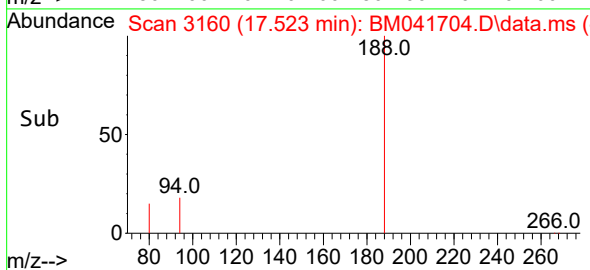
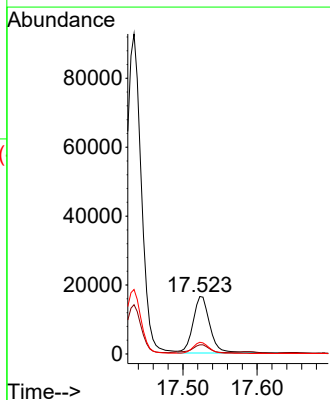
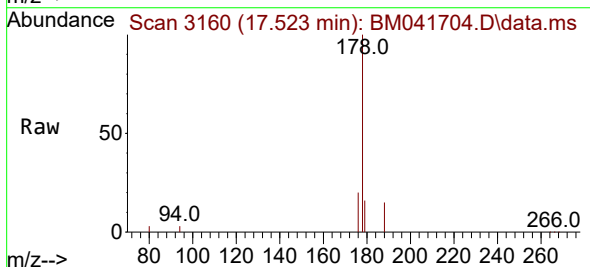
Manual Integrations
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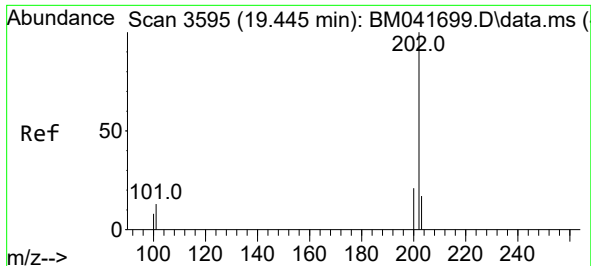
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#16
Anthracene
Concen: 0.573 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

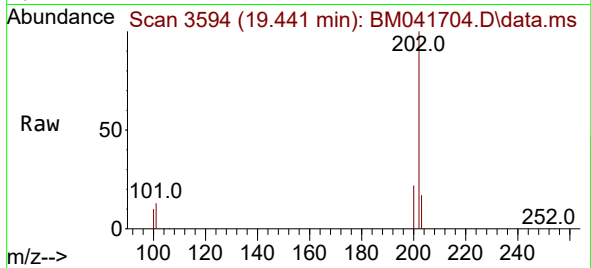
Tgt Ion:178 Resp: 25955
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.3 15.8 23.8





#19
Fluoranthene
Concen: 3.722 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

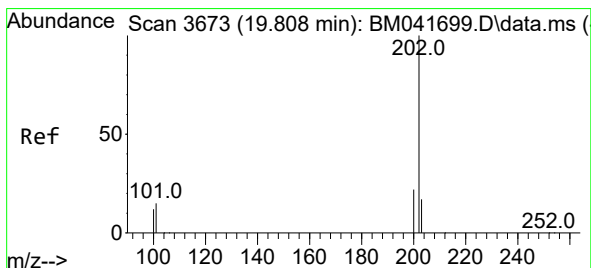
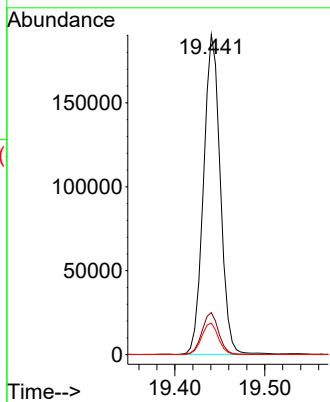
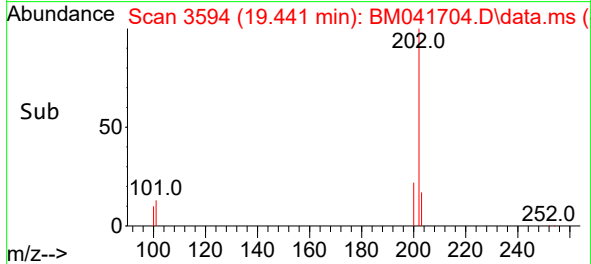
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:202 Resp: 246849
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 9.9 8.4 12.6

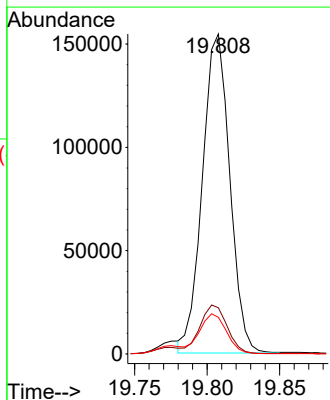
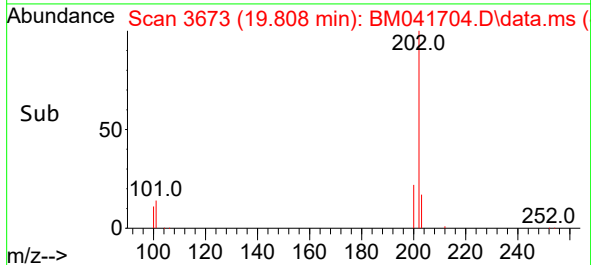
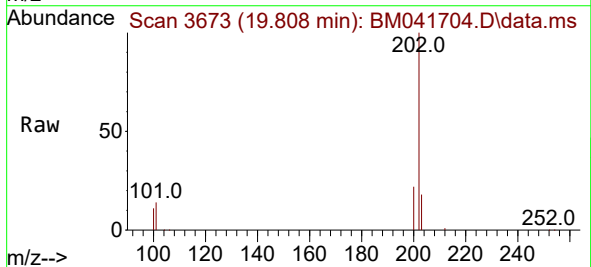
Manual Integrations
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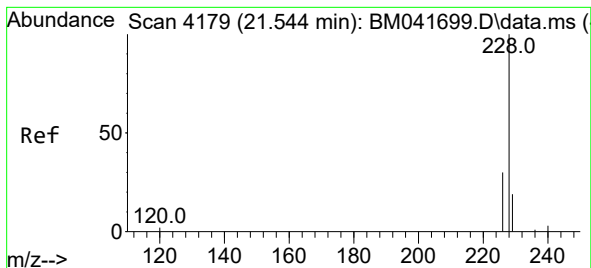
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#20
Pyrene
Concen: 3.085 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Tgt Ion:202 Resp: 203213
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.8
100 11.5 9.8 14.6





#21

Benzo(a)anthracene

Concen: 2.287 ng/ul

RT: 21.542 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM041704.D

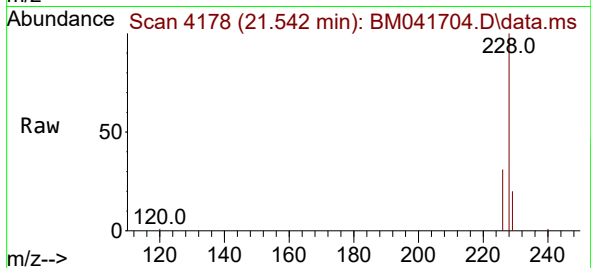
Acq: 07 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

EZYH9DL



Tgt Ion:228 Resp: 104794

Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

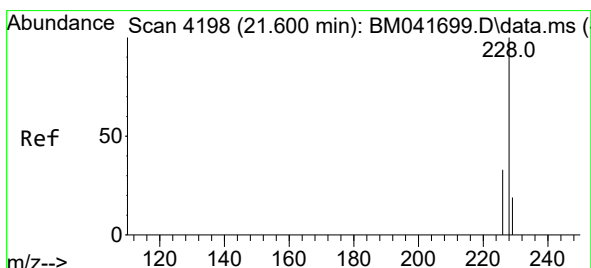
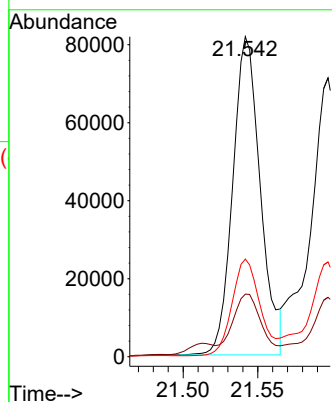
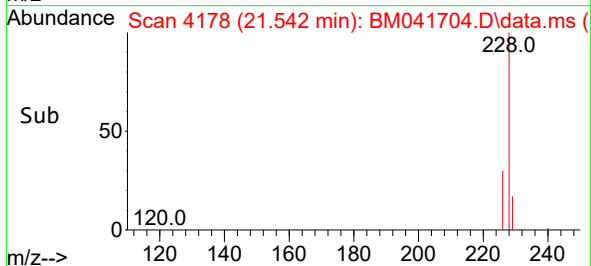
226 30.5 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023



#22

Chrysene

Concen: 2.103 ng/ul

RT: 21.597 min Scan# 4197

Delta R.T. -0.012 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

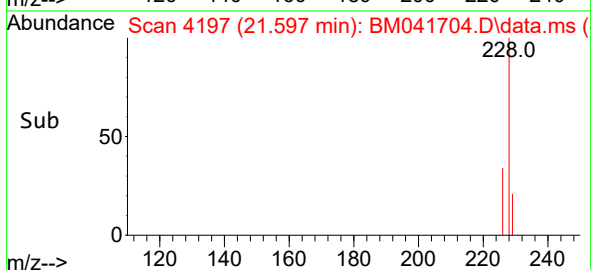
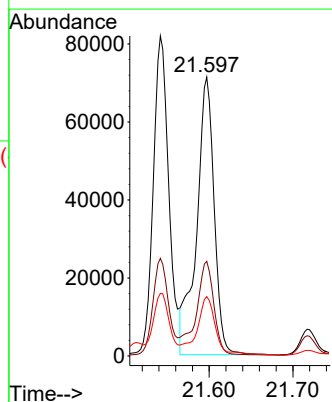
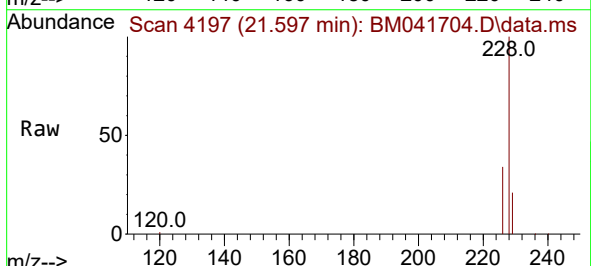
Tgt Ion:228 Resp: 103997

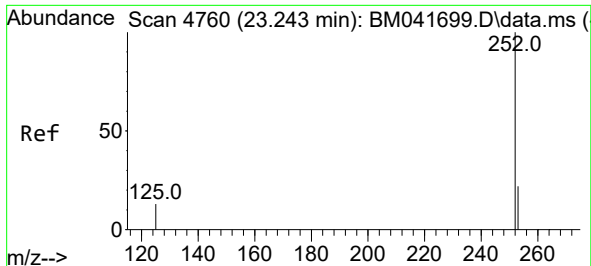
Ion Ratio Lower Upper

228 100

226 34.0 27.0 40.6

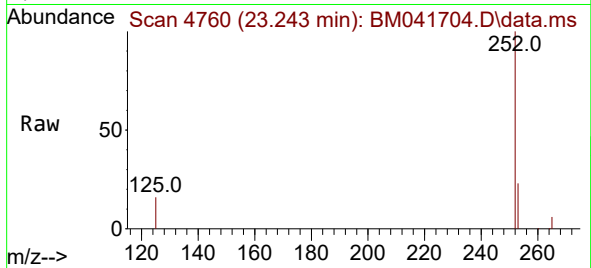
229 21.3 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 2.432 ng/ul
RT: 23.243 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

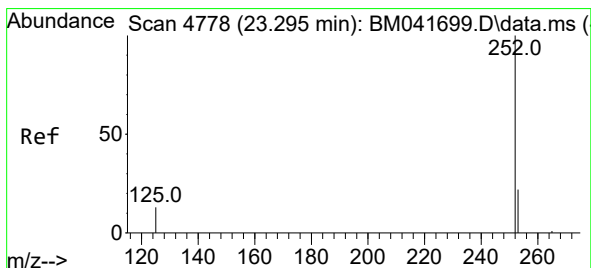
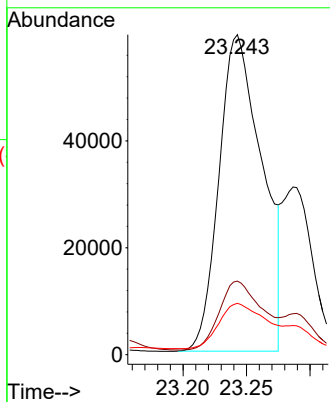
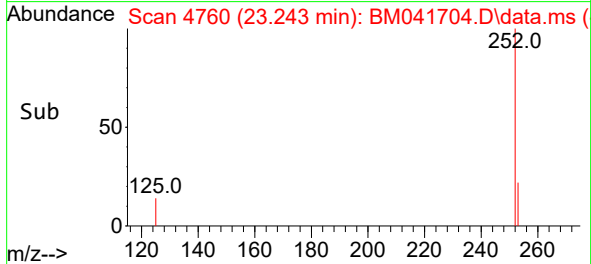
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:252 Resp: 13954
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.4
125 16.0 0.0 42.8

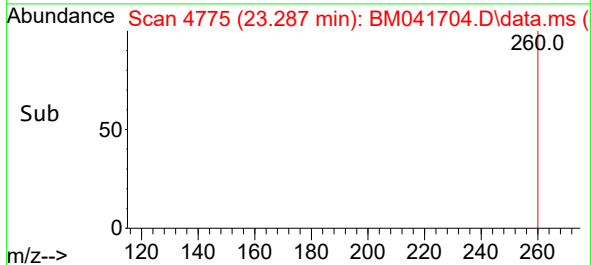
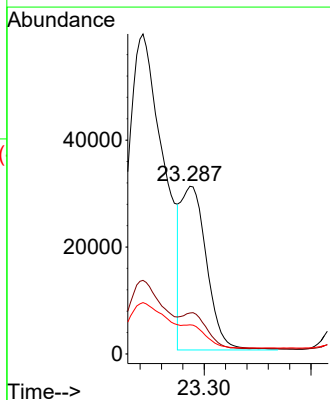
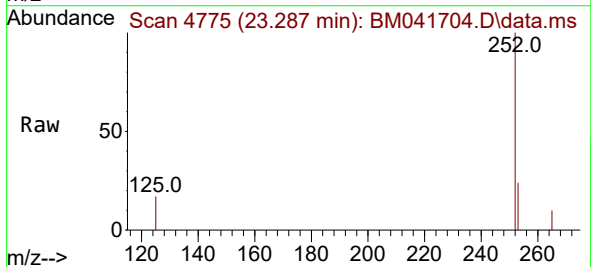
Manual Integrations
APPROVED

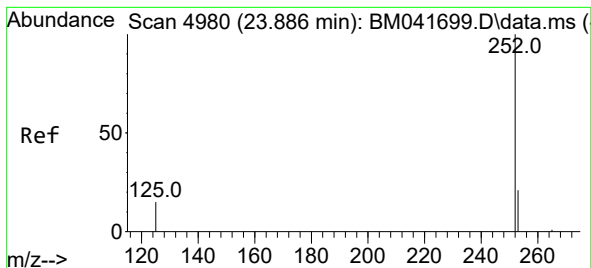
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#25
Benzo(k)fluoranthene
Concen: 0.914 ng/ul m
RT: 23.287 min Scan# 4775
Delta R.T. -0.018 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

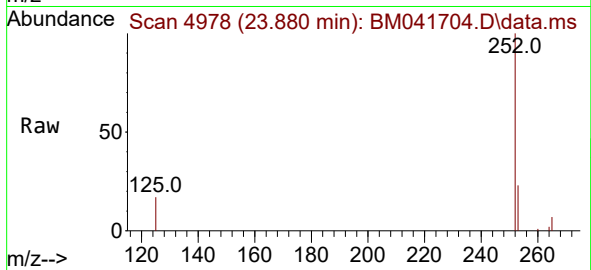
Tgt Ion:252 Resp: 51352
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 17.4 17.4 26.0





#26
Benzo(a)pyrene
Concen: 2.057 ng/ul
RT: 23.880 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

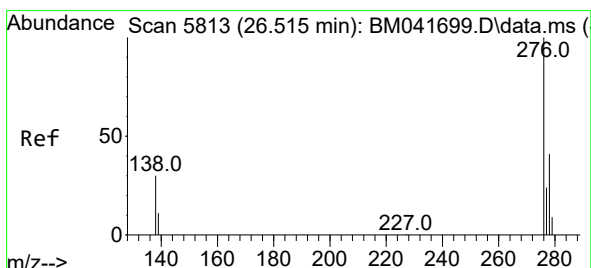
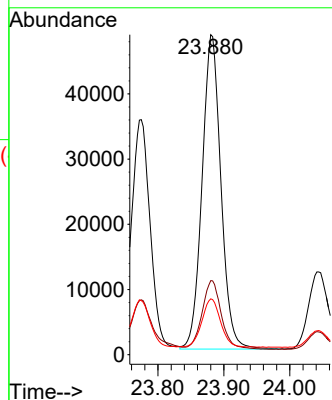
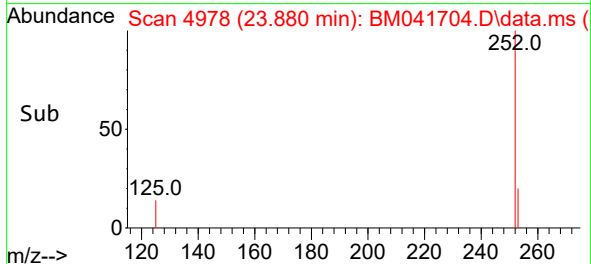
Instrument :
BNA_M
ClientSampleId :
EZYH9DL



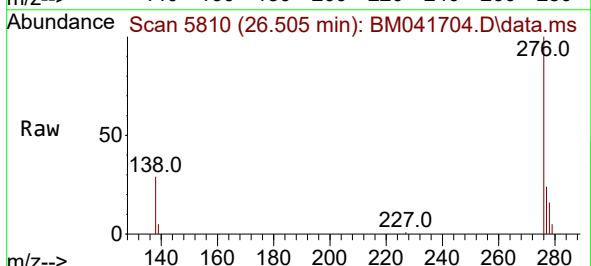
Tgt Ion:252 Resp: 95889
Ion Ratio Lower Upper
252 100
253 23.2 22.4 33.6
125 17.4 21.0 31.4

Manual Integrations
APPROVED

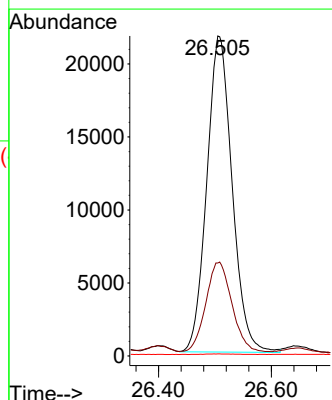
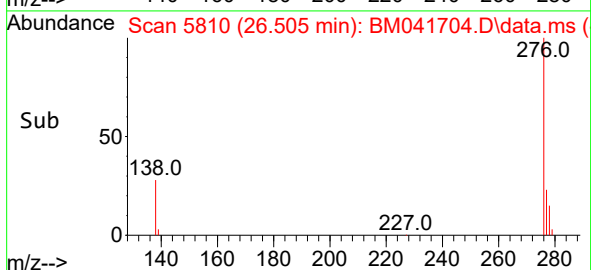
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

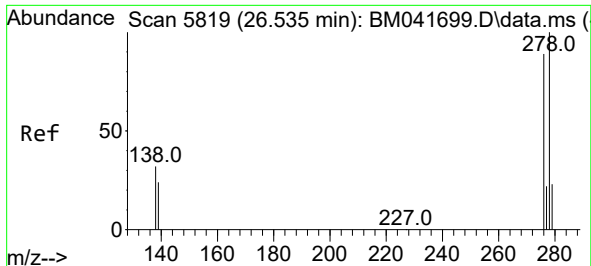


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.056 ng/ul
RT: 26.505 min Scan# 5810
Delta R.T. -0.027 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51



Tgt Ion:276 Resp: 67515
Ion Ratio Lower Upper
276 100
138 29.2 26.4 39.6
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.346 ng/ul

RT: 26.518 min Scan# 5814

Delta R.T. -0.034 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

EZYH9DL

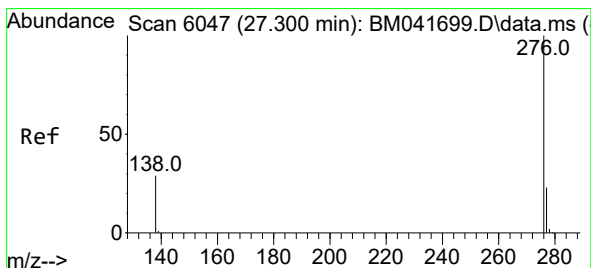
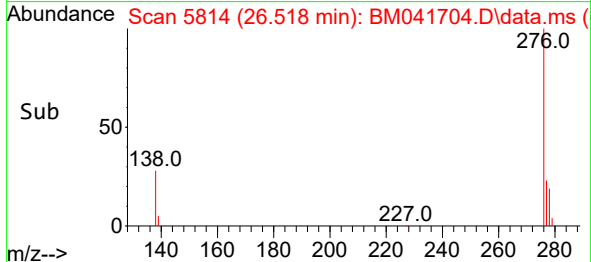
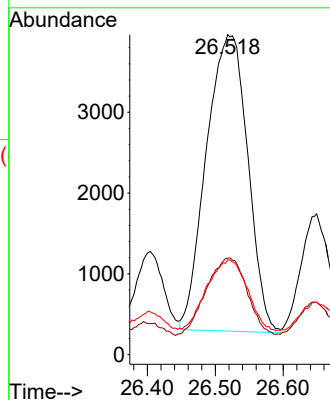
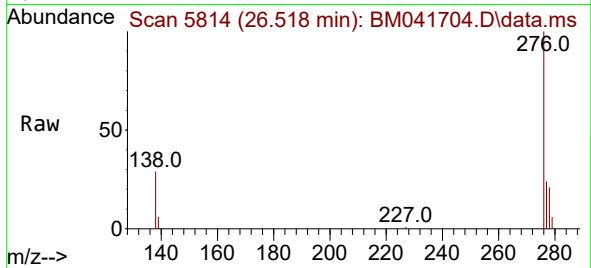
Tgt Ion:278	Resp:	1552
Ion Ratio	Lower	Upper
278	100	
139	30.2	23.0 34.6
279	29.7	22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023



#29

Benzo(g,h,i)perylene

Concen: 1.186 ng/ul

RT: 27.293 min Scan# 6045

Delta R.T. -0.024 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

Tgt Ion:276	Resp:	67205
Ion Ratio	Lower	Upper
276	100	
138	30.8	25.0 37.4
277	23.9	20.2 30.2

